



Intrinsically safe Bluetooth® handheld Ident-Ex 01 NH_DZ1



- Ultra-rugged
- Outstanding head modules performances
- Easy to use, with one hand
- High flexibility due to interchangeable head modules
- Pairable with any Bluetooth device
- Ideal for intensive and challenging data collection
- Lower cost - prevents legacy tag replacement
- Ideal for intensive scanning and 12 hour shifts

Ident-Ex® 01, Part No. 70118471, Zone 1/21 and Div. 1, with RFID reader module



Bluetooth®

Technical Data

General specifications

Operating frequency 13.56 MHz HF

Hardware

Scanner Scan performance*:
RFID = up to 1.5 m
Barcode = 3 cm to 5 m
* The reading range depends on the RFID tag type, barcode type and the environment.

Internal data memory Offline batch mode
2 MBytes;
Barcodes = 500+;
RFID* tags (ID only) = 500+

Electrical specifications

Battery type Li-Ion battery
Rechargeable
10.000+ scans with one battery charge

Operating duration approx. 12 h

Communication

Bluetooth Class II, up to approx. 10 meters

Standard conformity

RFID ISO/IEC 15693 ISO/IEC 14443 ISO/IEC 18000-3 (I-CODE ; NTAG ; my D™ Infineon)

Software

Applications eSETUP Ident-Ex®, eSETTINGS Ident-Ex® (API DEMO)

Mechanical specifications

Degree of protection IP64
EN IEC 60079-0 (ATEX/ IECEx)

Mass 499 g

Dimensions 221 mm x 84 mm x 58 mm

Data for application in connection with hazardous areas

ATEX approval
ATEX marking Ⓜ II 2D Ex ib IIIC T135°C Db IP6X
Ⓜ II 2G Ex ib IIC T4 Gb IP64

International approvals

SGS approval
SGS marking Class I, II, III, Division 1 Groups A-G, T4, T 135°C
CI I Zn 1, AEx ia IIC T4 Gb IP64

IECEx approval
IECEx marking Ex ib IIC T4 Gb IP64
Ex ib IIIC T135°C Db IP 6X

General information

Release date: 2023-04-28 Date of issue: 2023-04-28 Filename: 70118471_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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PEPPERL+FUCHS

Technical Data

Note		For more information, visit ecom-ex.com .
Scope of delivery		Ident-Ex® Head module Charging cable Charger Documentation

Accessories

	Wrist strap	Hand strap for universal use
	LC RL01	Leather Case for Retractable Lanyard
	LH ID01	Leather holster for Ident-Ex® 01
	RL ID01	Retractable lanyard for universal use
	DC ID01	Docking station for Ident-Ex® 01
	PO ID01	Charging cable for Ident-Ex® 01

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